

**What Is Claimed Is:**

1. A lighting apparatus for a liquid/crystal display comprising:

a. an array of light emitting diodes disposed alongside said liquid crystal display for providing illumination thereof;

b. light pipes for transmitting light from said light emitting diodes across a plane parallel with said liquid crystal display; and,

c. a filter disposed between said array and said light pipes for filtering out infra-red light from said light emitting diodes.

2. An apparatus as in Claim 1 wherein said array of light emitting diodes include diodes emitting only red light.

3. ~~An apparatus as in Claim 1 wherein said array of~~  
light emitting diodes include diodes emitting only blue  
light.

1 4. An apparatus as in Claim 1 wherein said array of  
2 light emitting diodes include diodes emitting only green  
3 light.

1 5. An apparatus as in Claim 1 including a pair of light  
2 emitting diode arrays disposed on two sides of said light  
3 pipes.

1 6. An apparatus as in Claim 5 including a pair of infra-  
2 red filters disposed between each of said arrays of light  
3 emitting diodes and said light pipes.

1 7. An improved lighting apparatus for a liquid crystal  
2 display in the cockpit of an aircraft, said apparatus  
3 comprising:

4 a. a pair of light emitting diode arrays disposed  
5 alongside said liquid crystal display for providing  
6 illumination thereof;

7 b. light pipes for transmitting light from said  
8 light emitting diode arrays across a plane parallel with  
9 and alongside said liquid crystal display; and,

10 c. filters disposed between each of said arrays and  
11 said light pipes for filtering out infra-red light from  
12 said light emitting diodes.

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1 9. An apparatus as in Claim 7 wherein each of said  
2 arrays of light emitting diodes include diodes emitting  
3 only blue light.

1 10. An apparatus as in Claim 7 wherein each of said  
2 arrays of light emitting diodes include diodes emitting  
3 only green light.

3       a.    activating an array of light emitting diodes of  
4   a first color adjacent light pipes disposed alongside said  
5   liquid crystal display; and,

6        b.    filtering infra-red light emitted by said array  
7    of light emitting diodes.

1 12. The method as in Claim 11 wherein said first color is  
2 red.

1 13. The method as in Claim 11 wherein said first color is  
2 green.

[illegible]

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4       a.    activating an array of light emitting diodes  
5   adjacent light pipes disposed alongside said liquid  
6   crystal display;

9 c. switching colors of said light emitting diodes  
10 as required by a pilot of the aircraft.

1 17. The method as in Claim 11 wherein said step of  
2 switching colors further includes switching on only those  
3 light emitting diodes emitting blue light.

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